

Group Art Unit 3743

Examiner: Tho V. Duong

Atty. Dkt. P 276921 | P12682

M# Client Ref

Appln. Title: **INTEGRATED HEAT SPREADER  
WITH MECHANICAL INTERLOCK  
DESIGNS****RECEIVED**

MAY 29 2003

TECHNOLOGY CENTER R3700

Inventor(s): **HOULE et al.**- Appln. No.: **10** | **042,182**

Series Code ↑

Serial No. ↑

Filed: January 11, 2002  
Mail Stop Non-Fee Amendment  
Hon. Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

**REPLY/AMENDMENT/LETTER**

Date: May 23, 2003

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

**FEE REQUIREMENTS FOR CLAIMS AS AMENDED**

## 1. Small Entity claim

- A. ☒ NOT made  
B. ☐ Withdrawn  
C. ☐ made herewith  
D. ☐ made previously

For B & C  
See **Required  
Separate Paper**  
(Pat-256)

	Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	23	**minus 25	0	x \$18/\$9 =	+ \$0	103/203
3. Independent Claims	4	***minus 4	0	x \$84/\$42 =	+ \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application) ..... add				+ \$280/\$140 =	+ \$0	104/204
5. Original due Date:	<input type="checkbox"/> NONE					
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo)	\$110/\$55 =				115/215
	(2 mos)	\$410/\$205 =		+ \$0		116/216
	(3 mos)	\$930/\$465 =				117/217
	(4 mos)	\$1,450/\$725 =				118/218
	(5 mos)	\$1,970/\$985 =				128/228
7. Enter any previous extension fee paid since above original due date and subtract				- \$0		
8.				Extension Fee	+ \$0	
9. If Terminal Disclaimer attached, add Rule 20(d) official fee .....				+ \$110/\$55	+ \$0	148/248
10. If IDS attached requires Official Fee under Rule 97 (c), ..... add				+ \$180	+ \$0	126
or if Rule 97(d) Request ..... add				+ \$180		126
11. After-Final Request Fee per rules 129(a) and 17(r) .....				+ \$750/370	+ \$0	146/246
12. No. of additional inventions for examination per Rule 129(b).....				x \$750/375 ea	+ \$0	149/249
13. Request for Continued Examination (RCE) .....				+ \$750/375	+ \$0	1179/1279
14. Petition fee for .....					+ \$0	

15. TOTAL FEE = \$0

16. \*If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

17. \*\*If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

18. \*\*\*If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

**PLEASE CHARGE  
OUR DEP. ACCT**

Our Deposit Account No. 16-1805)

(Our Order No. 81674 | 276921

C#

M#

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP  
Intellectual Property Group

By Atty: Roger R. Wise

Reg. No. 31204

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Los Angeles, CA 90017-5406  
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Atty/Sec: RRW/SJB

**NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments**



INTEL  
81674-276921

10  
5-31-03  
Amid  
s/d

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of:

Houle et al.

10

Serial No: 10/042,182

Filed: January 11, 2002

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For: INTEGRATED HEAT SPREADER WITH  
MECHANICAL INTERLOCK DESIGNS

Examiner: Duong, Tho V  
Art Unit: 3743

I hereby certify that this correspondence is being  
deposited with the United States Postal Service with  
sufficient postage as first class mail in an envelope  
addressed to:  
Assistant Commissioner for Patents  
Washington D.C. 20231, on

May 23, 2003.

Date of Deposit

Roger R. Wise

Name

[Signature] 5/23/2003

Signature

Date

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Amendment

Assistant Commissioner for Patents  
Washington, D.C. 20231

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Dear Sir:

RECEIVED

MAY 29 2003

TECHNOLOGY CENTER R3700

In response to the Office Action dated April 9, 2003 in connection with the  
above-identified application, please enter and consider the following amendment  
and remarks.

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IN THE CLAIMS:

Please cancel claims 2, 3, without prejudice, and amend claim 1 as follows:

1. (Amended) An integrated heat spreader constructed and arranged to  
be adhesively affixed, with a sealant, to at least a portion of a component,

comprising:

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a body portion;

a solid continuous lip portion substantially vertically oriented relative to the

body portion; and